

Laboratory Apparatus for Automatic Recording of
the Reduction Kinetics of Metal Oxides, by
V. N. Ostrik, S. T. Rostovtsev.

RUSSIAN, per, Iz Vyssh Ucheb Zaved Chern Met,
No 7, 1961, pp 193-198.

HB 5661

Sci-Materials & Metallurgy
July 68

235,803

Experimental Investigations of the ~~Piercing~~ Piercing
Process, by P. I. Polukhin, V. Ya. Osadchiy,
~~R. M. Golubchik, et al.~~

RUSSIAN, per, ¹z Vysshikh Ucheb Zaved, Chern
Metal, Jul 1961, pp 88-96.

*BISI 2997

Sci - Engr, m/m

7 Nov 62

sup no 138

Effect of Gas Flow on Rate of Reduction of Iron
Oxides, by I. A. Kopyrin, M. Ya. Ostroukhov.

RUSSIAN, per, Is Vysshikh Ucheb Zavod, Chern Metal,
No 8, 1961, pp 23-31.

HB 5410

Sci - Chem

204,820

Jul 62

Effect of Deoxidizing and Pouring Practices
on the Quality of [Carbon] Tube Steel,
by A. F. Kuznetsov, A. S. KIMX Kharitonov,
G. D. Molonov.

RUSSIAN, per, Iz Vysishikh Ushah Zaved.
Chern Metal, No 8, 1961, pp 43-47.

HB 5367

Sci - Engr
Feb 62

182,760

Oxygen and Nonmetallic Inclusions in Steel
Deoxidised With Aluminum, by P. M.
Dandlov, et al.

RUSSIAN, par, in Vyschikh Usheb Zavod,
Chern Metal, No 8, 1961, pp 48-55.

HB 5368

Sci - Min/Mat
Jun 62

199,390

A Steel on a Chromium-Manganese Base for Heavy
Forgings, by M.P. Braun.

RUSSIAN, per, Izv Vuz Chern Met, No 8, 1961,
pp 108-111.

BISI 6632

Sci/Mat
July 69

387-241

How to Obtain an Optimum Luminosity of the
Open-Hearth Flame; by V. S. Kocho, V. I. Grankovskiy.
RUSSKIAN, per, Iz Vysokikh Ucheb Zaved, Chern
Met, No 8, 1961, pp 143-148.
HB 5369

Sci - Phys
May 64

258,352

Problem of Spectrographic Analysis of
Alloys, by M. H. Shultzman.

RUSSIAN, per, Is Vysishiki Ucheb Zaved,
Chern Metall, No 8, 1961,, pp 178-186.

BBB 5408

Sed. - Min/Met
Jun 62

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The Metallurgical Value of Iron Ore as the
Basis for Constructing a Wholesale Price List
for Iron Ores, by I. S. Kagan, Ye. N.
Volkova, 12 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
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JPRS 19577

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USSR

Econ

Sci - Min/Met

Electrolytic Phenomena in the Process of Electroslag
Heating of Ingots, by V. I. Yavoiski, et al.

RUSSIAN, per. Iz Vysshikh Ucheb Zaved, Chern Metal,
Vol. IV, No 9, 1961, pp 32-43.

NLL N. 3643

Sci - Meta/Metals

Aug 62

207,172

The Behaviour of Hydrogen During the Electroslag
Heating and Topping-up of Ingots, by S. S.
Bektursunov, ^(SEE PAGE) et al.

RUSSIAN, per, Iz Vysshikh Ucheb. Zaved, Chern Metal,
Vol IV, No 9, 1961, pp 44-53.

NLL M. 3642

HB 6240

Sci - Min/metals

Aug 62

207,183

Effect of Hydrogen in Open-Hearth Finishing
Slag Upon Hydrogen Content of Steel & During
Tapping and Pouring, by B. P. Eam, G. N.
Oks, V. A. Kudrin.

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HB 5439

Sci - Min/Met, Engr
May 62

196,320

Investigation of the Heterogeneity of Ingots for
Special Steel Plate, by V. A. Molotkov, S. G.
Petisov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal,
No 9, 1961, pp 59-70.

17 B 5440
BISI 2604

Sci - Min/Metals

Mar 62

list 126

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The Segregation of Elements in 18-Ton Ingots of Rimming
and Balanced Steel, by L. B. Kosterev, G. N. Oiks.

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No 9, 1961, pp 71-78.

2
*BISI 2605

Sci - min/metals

2 Mar 62

list 120

KHE 5440

BISI 2604

Kinetics of Gas Evolution in [Consumable Electrode]
Vacuum Arc Melting, by L. N. Belyanovich et al.

RUSSIAN, per, Izvest VUZ Chem Met, No 9, 1961,
pp 79-86.

HB 5438

Sci-Min/Met
Jan 63

220,001

Effect of Low Concentrations of Titanium and
Nitrogen in High Speed Steel, by L. S. Kremnev,
Y. A. Geller.

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Chern Metall, No 9, pp 129-137, 1961.

128 2160

Sci - Min/Met

Dec 62

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Thermal Ionization in a Flame and Intensification
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Ye. M. Stepanov. 13 pp.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
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pp 143-152.

AIR/FTD/111-24-169-68

sci/propulsions & Fuels
feb 69

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Study of Operating Data of Rotor Process, by
V. A. Romanets, et al.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern
Metall, No 9, 1961, pp 191-197.

HB 5437

Sci - Eng:

Jul 62

204, 670

Heat Extraction from Liquid Steel by Continuous
Casting Molds, by A. D. Akinenko, A. A. Skvortsov

RUSSIAN, per, Iz Vyssh Ucheb Zavod Chern Met.
No 10, 1961, pp 29-36.

HB 5441

Sci-Materials & Metallurgy
July 63

235,780

Nonmetallic Inclusions in 13-Ton Rimmed
Steel Ingots, by L. B. Kosturev, G.H.
Oils.

RUSSIAN, per, In Vysishikh Umob Zaved,
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HB 5470

Sci - Min/Met
Jun 62

199, 391

Desulfurization of Steel Bath in the Basic
Oxygen Furnace, by S. G. Afanas'yev, D. I.
Turkenich.

RUSSIAN, par, Iz Vysshikh Ucheb. Zaved,
Chern Metal, No 11, 1961, pp 57-59.

HB 5471

Sci - Engr, Min/Met
May 62

196,292

Nature of External Cracks on Continuous-Cast
Steel Sections, by E. A. Iodko.

RUSSIAN, per, Iz Vyssh Ucheb Zaved Chern Met,
No 11, 1961, pp 60-70.

HB 5472

Sci-M/M
Apr 63

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Effect of Deformation Conditions on the
Recrystallization Process in 08 Grade
Steel, by I. M. Pavlov, D. I. Mamoyev.

RUSSIAN, par, in Vysishih Ucheb. Zaved.
Chern Metal, No 11, 1961, pp 110-115.

HB 5547

Sci - Min/Met

199,398

Jun 62

High Temperature Decomposition of Alnico
(Magnico) Alloys, by Ya. M. Dvoglevskiy,
E. G. Povolotskiy.
RUSSIAN, per, Izv. VUZ Chern. Met., No 11,
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DISI 3855

Sci/MM
Apr 66

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Susceptibility of 18-8 Type Steel
to Intergranular Corrosion Determined
by Method of Internal Friction, by
V. H. Prikhod'ko, A. N. Savitskaya.

RUSSIAN, per, Is Vysshikh Ucheb Zaved,
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BB 5473

Sci - Min/Met
Jun 62

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Influence of the Exchange of Sodium Oxide by the
Oxides of Other Metals Upon the Surface Tension
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Steel, by A. A. Perminov.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedenii, Chernaya Metallurgiya, No 12, 1961,
PP 5-7.

NTC-71-16202-07D

Jan 72

FLOW EFFECTS IN BLAST FURNACE CHARGE AS RELATED
TO HOT-BLAST PRESSURE CHANGES AT THE TUYERES, BY
A. S. KUKARKIN, ET AL.

RUSSIAN, PER, IZ VYSSHIKH UCHEB ZAVED, CHERN METALL,
NO 12, 1961, PP 27-30.

HB 5538

SCI - ENGR.
OCT 62

212,096

SOME THEORETICAL PROBLEMS CONNECTED WITH THE
INJECTION OF REDUCING GASES INTO THE BLAST FUR-
NACE, BY N. L. KRASAVTSEV.

RUSSIAN, PE, R, IZ VYSSHIKH UCHEB ZAVED, CHERN
METAL, NO 12, 1961, PP 31-39.

HB 5539

SCI - ENGR
AUG 62

Sci. Engr.
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Basic Directions for the Development of Quality
Metallurgy (of Steel) in the USSR in Coming Years,
by N. M. Chuiko.

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WLL M 3534

Sci - min/metals

207, 186

Aug 62

The Formation of Oxide Inclusions in Steel
Deoxidized With Aluminium, by P. M. Danilov.

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No 12, 1961, pp 54-60.

*BISI 2686

Sci - Min/Metals

29 Mar 62

list 123

DISTRIBUTION OF ALPHA PHASE OVER THE FATIGUE
FRACTURE OF 18-9 TI STAINLESS STEEL, BY A. G.
YAKHONTOV, P. M. KOZLOV,

RUSSIAN, PER, IZ VYSSHIKH UCHEB ZAVED, CHERN
METALL, NO 12, 1961, PP 114-116.

HB 5542

SCI - MIN/MET
AUG 62

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Dependence of Mechanical Properties of
Eutectoid Steel Upon the Structural State
of Perlite, by K. I. Tushinakaya, L. I.
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FTD-TT-62-1348

Sci - Min/Met
Jan 63

EFFECT OF MICROSTRUCTURE ON THE QUALITY OF
ELECTROLYTICALLY POLISHED SURFACES, BY S. M.
TIRANSKAYA.

RUSSIAN, PER, IZ VYSSHIKH UCHEB ZAVED, CHERN METALL,
NO 12, 1961, PP 135-143.

HB 5543

SCI - MIN/MET
OCT 62

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Isothermal Transformation of the Supercooled
Austenite in the Binary Fe-Cr Alloys, by M.E.
Blanter, A.K. Mashkov.
RUSSIAN, per, Izv. VUZ, Chem Met., No 1, 1961,
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*BISI 5809

Sci - Chem

Aug. 67

Sept

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Effect of Basicity of Flamed Sinter on the Kinetics of Reduction With Hydrogen, by P. N. Ostrik, S. T. Rostovtsev.

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Chem Metal, No 1, 1962, pp 5-13.

HB 5614

Se1 - Min/Mat
Jun 62

199, 408

Kinetics of Desulfurization of Liquid Iron,
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RUSSIAN, per, Iz Vyschikh Ucheb Zaved,
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HB 5548

Sci - Min/Metals

Aug 62

list 145

Effect of Electroslag Remelting of High Alloyed
Steel and Alloys on the Removal of Nonmetallic
Inclusions, by M. M. Kiyuyev, V. V. Topilin,
14 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Chern Metall
No 1, 1962, pp 78-89. 9578945

FTD-TT-62-1249

Sci-Min/Metals
Dec 62

N.L. 11. 1962

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EX
Cold Hardening and Recrystallisation of K1617
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11 pp.

RUSSIAN, per, Iz VUZ Chernaya Metallurgiya, No 1,
1962, pp 95-102. 9667380

FED-ET-62-1318

Sci - Min/Met
Jun 63

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Electrotransfer Migration of Thallium and
Cobalt Admixtures in Liquid Metallic Solutions,
by D. K. Blashchenko, G. A. Grigoriyev, 11 pp.

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Metal, Vol V, No 1, 1962, pp 124-130. 9217182

AEC-Tr-6077

Sci - Mat & Met
Jan 64

248,384

Khoroshev, I. I.
MECHANISMUS DER ENTSTEHUNG VON GRAPHIT-
KEIMEN BEIM GLUEHEN VON WEISSEM TEMPER-
GUSS EISEN NIEDRIGEN TEMPERATUREN (The
Mechanism of Graphite Nucleation During Annealing of
White-heat Malleable Iron at Low Temperatures).

12p.

Order from TIB \$2.10

Trans. in German of Izvestiya Vysshikh Uchebnykh
Zavedenii: Chernaya Metallurgiya (USSR) 1962, no. 1,
p. 171-176.

DESCRIPTORS: *Graphite, Heat treatment, *Iron
castings, Temperature.

(Metallurgy--Ferrous Metals, TT, v. 9, no. 11)

62-27309

I. Khoroshev, I. I.
II. Technische Informations-
bibliothek, Hannover
(West Germany)

Office of Technical Services

Effect of Nonmetallic Inclusions on the Properties of
Malleable Cast Iron, by P. N. Bidulya, G. Yu. Shul'te.
RUSSIAN, par, Iz Vysishikh Ucheb Zaved Chern Met, No 1,
1962, pp 183-189.

HB 6152

Sci - M/M

Mar 64

250,799

Spreading of Slag Along the Surface of Molten
Metal, by S. I. Popel.

RUSSIAN, per, Izvest. VUZ-Chernaya Met. 1962,
No. 2, pp 9-17.
BISI 4014

278,616

Sci-AM
Apr 65

Special Features of Control of the Thermal Conditions
in the Blast Furnace With Natural-Gas Injection,
by V. I. Loginov, G. G. Efimenko.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal,
No 2, 1962, pp 31-38.

HB 5565

Sci

~~Re~~ Jun 62

Formation and Behavior of Continuously Cast
Steel Sections in the Mold, by L. S. Rudoi.

RUSSIAN, per, Iz Vyssh Ucheb Zaved Chern Met,
No 2, 1962, pp 51-55.

HB 5567

Sci-M/M
Apr 65

229,156

Stresses Due to Concentration Nonuniformity Near
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RUSSIAN, per, Iz Vysshikh Uchebnik Zaved Chern Metal,
Vol V, No 2, 1962, pp 118-122.

NLL Ref. 5828.4 1963 (5,385)
(Loan)

Sci - Phys
Nov 63

242,325

Stability of Alloy Steels in Liquid Tin,
by P. L. Edel'man, V. V. Pokrovskiy.

RUSSIAN, per, Is Vysshikh Ucheb Zaved,
Chern Metall, No 2, 1962, pp 123-124.

HB 5564

Sci - Min/Met
May 262

196,302

Mineral Composition of Fluxed Sinter and Special
Features of Its Reduction. Communication I, by
E. I. Lesbelskaya, S. T. Rostovtsev.

RUSSIAN, par, Iz Vysshikh Ucheb Zaved, Chern Metal,
No 3, 1962, pp 12-23.

HB 5626

Sci - Chem

204, 761

Jul 62

Uniformity of Particle Size of Blast Furnace Charge
and Utilization of Gas Flow, by V. E. Levchenko,
A. A. Gimmel'farb.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal,
No 3, 1962, pp 30-37.

HB 5628

Sci - Engr

204, 763

Jul 62

Study of the Kinetics of the Solidification
Process in the Axial Zone of Steel Ingots
by the Differential ^{Sounding}~~Sounding~~ Method, by
S. Ya. Skoblo,

~~RUSSIAN~~RUSSIAN, per, Iz Vyssh Ucheb Zaved, Chern
Met., 1962, No 3, pp 53-59.

HB 5852

229,357

Sci-M/M
Apr 63

EFFECT OF RARE-EARTH ELEMENTS ON THE SURFACE TENSION
OF LIQUID IRON, BY A. F. VISHKAREV, ET AL.

RUSSIAN, PER, IZ VYSSHIKH UCHEB ZAVED, CHERN
METALL, NO 3, 1962, PP 60-66.

HB 5600

SCI - MIN/MET
AUG 62

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Automation of Electric Arc Furnace Steelmaking, by
V. M. Vinogradov.

RUSSIAN, per, Izvest VUZ Chern Met, No 3, March 1962,
pp 67-76.

HB 5652

Sci-Min/Met
Jan 63

219,385

Internal Design of the Bath in a Furnace
Melting 45 percent Ferro-Silicon, by
I. T. Zhurav.
RUSSIAN, per, Izv. VUZ Chern. Mrt, No 3,
1962, pp 77-87.
BISI 5001

314,493

Sci - Mechanical, Industrial,
Civil, and Marine Engineering
Dec 66

Maksimov, S. K., Skakov, Yu. A. and others.
ROLE OF PHASE COMPOSITION DEPOSITS IN
MAGNETIC AGING OF MILD STEEL (Rol'fazovogo
Sostava Vydelenii v Magnitnom Starenii Myagkoi Stali).
[1963] 8 p. (foreign text included) 6 refs.
Order from OTS or SLA \$1.10 63-16388

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii.
Chernaya Metallurgiya (USSR) 1962, no. 3, p. 122-124.

DESCRIPTORS: *Steel, Phase studies, Iron alloys,
Nitrogen, Deposits, Chemical analysis, Magnetic
properties, Aging (Materials).

The connection between the intensity of the magnetic
aging by the absolute value of H_c and the phase compo-
sition of the deposit was established. The retarding of
the magnetic aging is not so much related to the ap-
proximation of the dimensions of the deposit to the
(Metallurgy--Ferrous Metals, TT, v. 10, no. 6)

(over)

63-16388

I. Maksimov, S. K.
II. Skakov, Yu. A.

Office of Technical Services

The Rate of Formation and Growth on Non-Metallic
Inclusions in Steel, by S. I. Popel'.
RUSSIAN, per, Izv. VUZ Chern. Met, No 4, 1962,
pp 5-13.
BISI 5314

Sci/Materials
Jun 67

327,600

The Effect of the Gas Flow on the Reduction Rate of
Iron Oxides, Part II, by I. A. Kopyrin, M. YKa. Ostroukhov.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Met,
No 4, 1962, pp 29-36.
BISI 3842

CRW/T1736

Sci-Engr
Feb 65

274,537

The Surface Energy of Certain Oxides,
Sulphides, and Selenides, by S. N. Zadumkin,
V. Kh. Khulamkhanov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Chern Metal,
No 4, 1962, pp 112-114.

NLL Ref: 7831.9 1963 (167) (loan)

May 64

Mineral Composition of Fluxed Sinter and Some Special
Features of Its Reduction, Communication II, by
E. I. Leshchinskaya, S. T. Rostovtsev.

RUSSIAN, per, Izvest Vysshikh Ucheb Zaved Chern Met,
No 5, 1962, pp 5-15.

HB 5662

Sci-Min/Met
Mar 63

Blast Furnace Operating Experience at High
Driving Rates, by N. G. Makhmanek, A. S.
Kukarkin.

RUSSIAN, per, Iz Vysshikh Uchob Zaved Chern
Met, No 5, 1962, pp 37-43.

HB 6049

Sci-Engr

Nov 63

243,457

The Influence of Barium Oxide on the Viscosity
of Blast Furnace Slags, by L. I. Bol'shakov,
N. L. Zhilo.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Chern Metal,
No 5, 1962, pp 44-50.

BISI 3188

Sci - Chem
Mar 63

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Electromigration in Liquid Binary Alloys
and Its Connection With Electroresistance, by
D. K. Blasbchenko, 15 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zavednii,
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9217211

ABC-Tr-6076

Sci - Mat & Met
Jan 64

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Nitridation of Titanium by Use of Induction (HF)
Heating, by Yu. V. Grdina, et al.
RUSSIAN, per, Izvest. VUZ- Chem. Met., Vol 5,
No 6, 1962, pp 128-131.
HB 7984

sci/ materials
nov 69

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Diffusion of Hydrogen in Carbon Steels, by
G. I. Batalin, 8 pp.
RUSSIAN, per, IVUZ Chern Met, Vol 5, No 5, 1962,
pp 131-133.
AEC/UCRL-Tr-10367

Sci/Phy
Mar 70

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Recording Ultrasonic Inspection Results, by
Ya. I. Ioffe.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Chern
Met, No 5, 1962, pp 200-206.

HB 5924

Sci-Engr

Nov 63

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Specific Heat of Iron Ores and Sinters, by
S. G. Bratchikov, G. A. Toporishchev.

RUSSIAN, per, Iz Vysshykh Ucheb Ažaved Ekzemp
Chernaya Metallurgiya, Vol V, No 6, 1962,
pp 16-20.

BISI 3424

CRL/T. 1405

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Sci - M/N
Jan 64

Effect of Reduced Specific Coke Rates in Blast
Furnace Upon Blast Volume and Top Gas, by N. G.
Makhanek.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal,
Jun 1962, pp 21-25.

HB 5582

Sci - Min/Metals

Sep 62

Sup 136

210.863

Reducing Processes in the Sintering of Iron Ores,
by A. A. Sigov, V. A. Shurkhal.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal,
Jun 1962, pp 26-31.

BB 5590

Sci - Chem

Sep 62

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Sup 136

Mathematical Concept of the Period From Meltdown
to Tap in the Open-Hearth Furnace, by N. N. Dobrokhov.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Met,
No 6, 1962, pp 39-50.
HB 5588

Sci - Math
May 64

258,353

Production of Alloys of Calcium and Magnesium With
Silicon, by A. S. Mikulinskiy, I. V. Ryabchikov.

RUSSIAN, per, Izvest Vysshikh Ucheb Zaved Chern Met,
Jun 1962, No 6, pp 344-350.

HB 5592

Sci-Min/Met
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Thermodynamics of Fe-Cr Alloys, by B. P. Burylev.
RUSSIAN, per, Izv VUZ Chern Met, No 6, 1962,
pp 5010.
*CFSTI TT 70-58196

Sci-Chem
June 70

On the Problem of Reducibility of Blast-Furnace
Sinter, by N. L. Gol'dshtein.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Chern Met,
No 7, Jul 1962, pp 37-45.

HB 5775

Sci-Min/Met
Mar 63

Hanging of Melt in Blast-Furnace Stock Column,
by A. S. Kukarkin, B. I. Kitaev.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Chern Met,
Dec 1962, pp 20-28.

*HB 5882

Sci - M/M
Apr 63

Segregation of Sulfur in Large Rimmed-Steel Ingots,
by B. I. Zayakin, A. M. Bigeev, et al.

RUSSIAN, per, Iz Vyssh Ucheb ZHX Zaved Chern Met,
No 7, 1962, pp 62-70.

HB 5884

Sci-Materials & Metallurgy
July 65

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Effect of Remelting of Steel on its Contam-
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Gurevich.

RUSSIAN, per, Iz Vyssh Ucheb Zaved Chern
Met, No 7, 1962, pp 71-77.

HB 5885

Sci- MEM
May 63

229,839

Vacuum Treatment of Ball-Bearing Steel
Produced Without Ferrosilicon Addition,
by L. A. Baranov, et al.
RUSSIAN, per. Izvest. VUZ-Chern. Met.
No 7, Jul 1962, pp 78-85.
HB 6493

USSR
Sci/MRM
May 65

278,509

Desulfurization of Steel by Injection of
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Kuzgal'dov, et al.

RUSSIAN, per, Iz Vyssh Ucheb Zaved Chern Met,
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HB 5886

Sci-Materials & Metallurgy
July 63

235,804

Effect of Nitrogen and Boron Upon the Properties
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A. M. Samarin.

RUSSIAN, per, Iz Vyssh Ucheb Zaved Chern Met,
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HB 5881

Sci-MAM
May 63

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Unequal Deformation Which Results When Rolling
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RUSSIAN, per, Investiya Vysshikh Uchebnykh Zavedenii
"Mirovaya Metallurgiya, No 7, 1962, pp 110-113.

BSI 3449

Sci - M/M
Dec 63

243,530

Electrotransfer Migration of Nickel Addmixtures
in Molten Metals, by G. A. Grigoriyev,
D. A. Belashchenko, 5 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved. Chern
Metall, Vol V, No 7, 1962, pp 137-139. 921719

ABC-Tr-6078

Mat 3 Met
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